

## INTERNATIONAL CONFERENCE

# FLUXES AND STRUCTURES IN FLUIDS



**VLADIVOSTOK, RUSSIA  
AUGUST 8-10, 2018**

## FIRST ANNOUNCEMENT

### **Conference venue:**

V.I. Il'yichev Pacific Oceanological Institute,  
Far Eastern Branch,  
Russian Academy of Sciences,  
Vladivostok, Russia



POI main building, Vladivostok, Russia

## CALL FOR PAPERS

The conference programme will include invited lectures and oral / poster presentations.

## CALL FOR PAPERS

The conference official language is English.

Authors should submit the following:

- Completed **Registration form**;
- **Abstract** up to 3 pages should be formatted in accordance with the template presented at the conference web site. To be sent to:

[fluxes2018@poi.dvo.ru](mailto:fluxes2018@poi.dvo.ru).

Abstract book will be distributed during the conference.

Selected papers will be printed in a journal indexed in WoS or SCOPUS.

The programme will include general lectures (30 min), contributed papers (15 min), and poster presentations (3 min oral + poster display, with the poster size of 1 x 2 m).

The conference rooms are equipped with blackboards and PC video projection units.

## KEY DATES

Submission of the registration forms and abstracts **by April 15, 2018**.

Notification to authors by **April 30, 2018**.

## REGISTRATION FEE

Regular participant fee is **130 USD**. Young scientist/student fee is **50 USD**.

Fee can be paid in cash at the conference desk or by money transfer order. Transfer information is available upon request.

## ACCOMMODATION

Information on recommended hotels will be in the second announcement. Otherwise participants can book their accommodations by themselves ([booking.com](http://booking.com), etc...).

## CONFERENCE TOPICS

- Dynamic processes in the ocean and atmosphere: from global to microscales.
- Waves, vortices, coherent structures, turbulence: transport and accumulation of sub-stances on interfaces.
- Effects of oceanic dynamic structures upon hydrochemical and hydrobiological distributions in the ocean.
- Impact of physical, chemical and biological effects on formation of spatial structures in fluids.
- Analytical, numerical and laboratory modeling of environmental systems and processes.
- Conventional and novel instruments.
- Environmental and technological applications.

## POST-CONFERENCE WORKSHOP

**Marine measurements  
in Geophysics and Hydrophysics,**  
August 11-14, 2018,  
POI *Cape Schultz* Marine  
Experimental Station

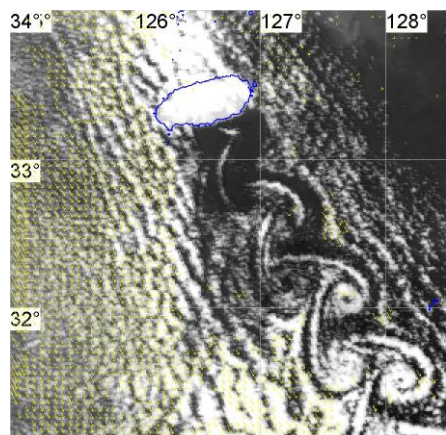


## REGISTRATION

Registration will take place in the POI lobby starting in the morning of August 8, 2018.

## INTERNATIONAL PROGRAMME COMMITTEE

V.G. Baydulov (Rus) – Scientific Secretary, Yu.D. Chashechkin (Rus) – Chair, J.H. Fernando (USA), Y. Fukumoto (Jap), Ph. Fraunie (Fra), G.J.F. van Heijst (Nld), S.Y. Kim (Kor), K.V. Koshel (Rus), X.S. Liang (China), V.B. Lobanov (Rus) – Co-chair, I.I. Mokhov (Rus), S.V. Prants (Rus), F. Qiao (China), J.-M. Redondo (Spa), M. Sommerfeld (Ge), H. Ueno (Jap), A.G. Zatsepin (Rus).



Karman vortex street southeast of the Jeju Island (Korea) from multichannel NOAA-15 satellite image on 01/08/2015 (Aleksanin et al., 2016)

## CONFERENCE HISTORY

This Conference follows the highly successful Meetings held in Svetlogorsk (1987), Kanev, Ukraine (1988), Novosibirsk (1989), Jurmala, Latvia (1990), Vladivostok (1991), St.-Petersburg (1992), Moscow (1993), St.-Petersburg (1995), Svetlogorsk (1996), Moscow (1997), St.-Petersburg (1999), Moscow (2001), St.-Petersburg (2003), Moscow (2005), St.-Petersburg (2007), Moscow (2009), Vladivostok (2011), St.-Petersburg (2013), Kaliningrad (2015).

## GENERAL INFORMATION

V.I. Il'ichev Pacific Oceanological Institute FEB RAS is located at the coast of Peter the Great Bay, the Japan Sea. It was established in 1973 and now it is the largest institution in the Russian Far East, conducting research in the Pacific and Asia Marginal Seas, including Arctic, in the fields of physical, chemical, and biological oceanography, hydrophysics, hydroacoustics, geophysical hydrodynamics, marine ecology, biochemical technologies, geology and geophysics, technological marine systems, remote sensing and ocean information systems.

POI scientists have participated in more than 500 research cruises aimed at multipurpose investigation of marine environments. Substantial progress has been achieved in understanding variability and elucidating the role of regional processes in climate variation and change. The POI Oceanographic Database accumulates data from research cruises. Unique collections of samples of bottom sediments and rocks have been created.

The Institute operates small research vessels for field surveys in coastal areas. The open sea surveys are implemented using the research fleet of the Far Eastern Branch of the Russian Academy of Sciences.

The POI *Popov Island* and *Cape Schultz* marine experimental stations serve for conducting research in the coastal area of Peter the Great Bay, Japan Sea.

## VENUE

POI FEB RAS, 43 Baltiyskaya Str., Chaika Station, Vladivostok, Russia. Schedule of the commuter trains is available at [www.expresspk.ru](http://www.expresspk.ru). (in Russian).

## THE CONFERENCE ORGANIZERS

- A.Yu. Ishlinsky Institute for Problems in Mechanics, RAS
- V.I. Il'ichev Pacific Oceanological Institute, FEB RAS



## THE CONFERENCE SPONSORS

- Russian Academy of Sciences
- Federal Agency of Scientific Organizations
- The Russian Foundation for Basic Research

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Conference web-site:  
<http://fluxes2018.poi.dvo.ru/>